

Appl. No. 10/763,776

Amendment dated March 22, 2005

Reply to Non-Final Office Action of October 22, 2004

AMENDMENTS TO THE CLAIMS:

This list of claims replaces all prior versions and listings of claims in the application:

1. (currently amended) A machine dishwashing detergent comprising one or more builders, ~~one or more surfactants,~~ and 0.1 to 50% by weight of one or more nonionic surfactants which, at a concentration of 0.1 g/l in distilled water, have a dynamic surface tension of less than 60 mNm⁻¹ at a frequency of 1 Hz, said nonionic surfactants comprising one or more surfactants of the general formula I:



(I)

$$\begin{array}{c} | \\ \text{R}^2 \end{array}$$

$$\begin{array}{c} | \\ \text{R}^3 \end{array}$$

in which R¹ is a straight-chain or branched, saturated or mono- or polyunsaturated C₆₋₂₄-alkyl or -alkenyl radical; each group R² and R³, independently of one another, is chosen from -CH₃, -CH₂CH₃, -CH₂CH₂-CH₃, CH(CH₃)₂ and the indices w, x, y, z, independently of one another, are integers from 1 to 6.

2. (original) The machine dishwashing detergent of claim 1, wherein the nonionic surfactant(s), at a concentration of 0.1 g/l in distilled water, have a dynamic surface tension of less than 55 mNm⁻¹ at a frequency of 1 Hz.

3. (original) The machine dishwashing detergent of claim 1, wherein the nonionic surfactant(s), at a concentration

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of 0.1 g/l in distilled water, have a dynamic surface tension of less than 50 mNm^{-1} at a frequency of 1 Hz.

4. (original) The machine dishwashing detergent of claim 1, wherein the nonionic surfactant(s), at a concentration of 0.1 g/l in distilled water, have a dynamic surface tension of less than 65 mNm^{-1} , at a frequency of 5 Hz.

5. (original) The machine dishwashing detergent of claim 4, wherein the nonionic surfactant(s), at a concentration of 0.1 g/l in distilled water, have a dynamic surface tension of less than 60 mNm^{-1} , at a frequency of 5 Hz.

6. (original) The machine dishwashing detergent of claim 1, wherein the nonionic surfactant(s) are present in amounts of from 0.5 to 40% by weight.

7. (original) The machine dishwashing detergent of claim 6, wherein the nonionic surfactant(s) are present in amounts of from 1 to 30% by weight.

8. (original) The machine dishwashing detergent of claim 7, wherein the nonionic surfactant(s) are present in amounts of from 2.5 to 25% by weight.

9. (original) The machine dishwashing detergent of claim 8, wherein the nonionic surfactant(s) are present in amounts of from 5 to 20% by weight.

10. (canceled)

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11. (currently amended) The machine dishwashing detergent of claim 1 ~~10~~, wherein R^1 is an alkyl radical having 6 to 24 carbon atoms.

12. (original) The machine dishwashing detergent of claim 11, wherein R^1 is an alkyl radical having 8 to 20 carbon atoms.

13. (original) The machine dishwashing detergent of claim 12, wherein R^1 is an alkyl radical having 9 to 15 carbon atoms.

14. (original) The machine dishwashing detergent of claim 13, wherein R^1 is an alkyl radical having 9 to 11 carbon atoms.

15. (currently amended) The machine dishwashing detergent of claim 1 ~~10~~, wherein R^2 and R^3 are a radical $-CH_3$, w and x, independently of one another, are values of 3 or 4 and y and z, independently of one another, are values of 1 or 2.

16. (currently amended) The machine dishwashing detergent of claim 1 ~~10~~, comprising the builder(s) in amounts of from 5 to 90% by weight.

17. (original) The machine dishwashing detergent of claim 16, comprising the builder(s) in amounts of from 7.5 to 85% by weight.

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18. (original) The machine dishwashing detergent of claim 17, comprising the builder(s) in amounts of from 10 to 80% by weight.

19. (original) The machine dishwashing detergent of claim 1, comprising one or more enzyme(s) in amounts of from 0.01 to 15% by weight.

20. (original) The machine dishwashing detergent of claim 19, comprising one or more enzyme(s) in amounts of from 0.1 to 10% by weight.

21. (original) The machine dishwashing detergent of claim 20, comprising one or more enzyme(s) in amounts of from 0.5 to 6% by weight.

22. (original) The machine dishwashing detergent of claim 21, comprising one or more bleaches in amounts of from 1 to 40% by weight.

23. (original) The machine dishwashing detergent of claim 21, comprising one or more bleaches in amounts of from 2.5 to 30% by weight.

24. (original) The machine dishwashing detergent of claim 21, comprising one or more bleaches in amounts of from 5 to 20% by weight.